

Direction of Vehicular Traffic Conduit Clamp TOP VIEW

CONDUIT RISER PLACEMENT DETAIL

**OVERHEAD CIRCUIT MAP** SCALE: 6" = 1 MILE

# SITE SPECIFIC NOTES

P01: 455009-165474 EXISTING 40' (1976) POLE 6025.1000 583062828 3-11 X1 REPL 15kVA 120/240V OH XFMR 105093197 WITH 37.5kVA 1Ø 120/240V OH XFMR INST L/B C/O ON C/O BRACKET, FUSE @ 15T **INST STIRRUP** INST 3" RISER ON S/O BRACKETS, (ACTUAL= ') 6042.1000 INST 1324 COMPOSITE SL HH 6050,2000 3-22 X1 W/ #10-350 (4) POS CONN BARS

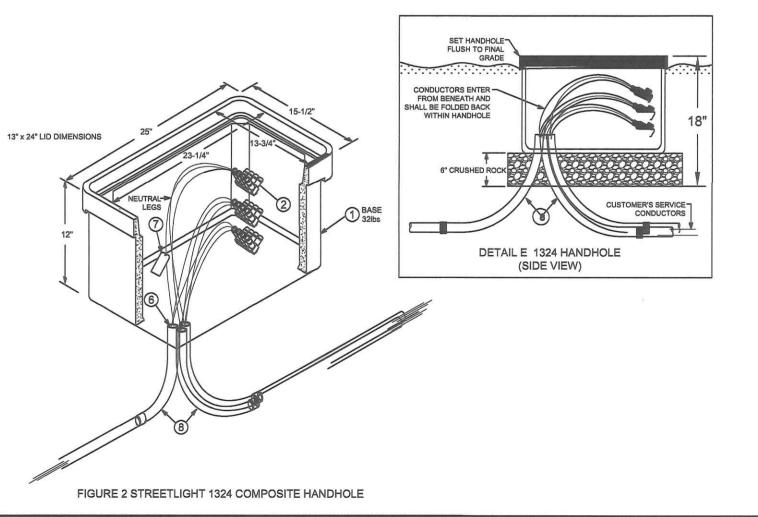
IN CUSTOMER PROVIDE TRENCH INST 3" DB120 CONDUIT, ± 20' (ACTUAL=\_\_\_\_') INST 350 UG TPLX, ± 60' (ACTUAL=\_\_\_')

UNDER 104320012 CONNECT (1) RUN CUSTOMER OWNED 3/0 CU WIRE

H01- Single-Phase Secondary Handhole Up to 350 kcmil

6050.2000

3-6 X1



## POWER GENERAL NOTES - COMMERCIAL PROJECT

- 1. All materials to be installed in accordance with Puget Sound Energy's (PSE) standards. Any deviation from this work sketch must be AUTHORIZED by PSE's Project Manager and NOTED on the Foremans' Copy.
- 2. All switching arrangements and/or outage arrangements are to be made with the Project Manager at least three (3) working days in advance.
- 3. Contact the Utilities Underground Location Center (1-800-424-5555) at least 48 hours prior to commencing work to get the underground facilities located.
- 4. STAKING: The customer will provide all staking (transformer, handhole, trench, grade, lot, pole, sidewalk, etc.). See sketch and details for locations. Equipment locations must be approved by the Project Manager.
- 5. SITE PREPARATION: The work area will be at or near finished grade, clear of trench spoils or construction materials which would restrict construction and/or equipment access, before work can begin.
- 6. Roads shall be paved or have a compacted, crushed rock base in place.
- 7. CLEARANCES: Transformers require a minimum of 6 feet from fire fighting equipment, 10 feet from combustible walls, overhangs, doors, and windows, and a minimum of 5 feet from the back of curb (or quard posts will be required per PSE standards). All conduits and vaults are to be at least 5 feet away from water, storm and sewer lines when paralleling them in the right of way, and at least 1 foot when crossing them.
- 8. All work is to be done in accordance with local municipal and county permit requirements as applicable.
- 9. Customer/Developer is responsible to provide, install and maintain all secondary service cables, conduits and crossings from the individual unit's meter base to the designated connection point.
- 10. Inclement weather conditions may cause delays in construction times and dates.
- 11. EXCAVATION: The customer is to provide all trenching, backfill, vault excavations, compaction and restoration per this sketch and per PSE standards. A minimum protective cover of 36" is required over PSE's primary voltage equipment and 24" is required of PSE's secondary voltage equipment. The customer will provide any and all shoring or they will side slope the trench to 1:1.

Removed at site: Grid Number: kVA Rating: Foreman to redlin	P01 455009-16 15 kVA 12 the the following	20/240v	
Company ID#:			
Primary phase con	nected to:		
Tested Secondary	Voltage	/	

TRANSFORMER REMOVAL

Installed at site: Grid Number: kVA Rating: Material ID#:	455009-165 37.5kVA 12 6211300	
Foreman to red Company ID#:	line the following	j information
Primary phase c	onnected to:	
Tested Seconda	ry Voltage	1

TRANSFORMER INSTALLATION (OH)

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FOREMAN (CHECK BOX WHEN COMPLETED)  PSE Equipment LOCKED/SECURED & Work Area left in CLEAN/SAFE Condition. Grid, Cable, and Switch numbers INSTALLED & VERIFIED.					Vicinity Map TOTEM MAP	PS, PG 77, B5		_	
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ager: R	OBERT TE	OMBELY				SEDRO-WOOLL	EY, WA 98284		
Phone: 30	60-399-892	3				ATTN: NATHAN	SALSEINA 36	0-856-0151 office	
<i>lail:</i> ro	bert.tromb	ley@pse.com				For contacts below	dial 1-888-CALL PSE (	225-5773)	
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2	N/A	N/A	N/A			PROJECT MGR	Robert Trombley	360-766-5506	09/06/19
1	N/A	N/A	N/A			ENGR - POWER	Idelle Fode	360-766-5479	10/30/19
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1	N/A	N/A	N/A			ENGR - POWER	Idelle Fode	360-766-5479	10/30/19
REV#	DATE	BY	DESCRIPT	ON		ENGR - GAS	N/A	N/A	N/A
COUNTY		Emer Sect	Gas Wk Ctr	POWER	R WK CTR	DRAWN BY	Sharon Harris	360-766-5518	10/22/19
SKAG	IT	N/A	N/A		CSPSEPM	CHECKED BY	1		
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(	CONTACT		N/A		N/A		N/A	DARBY BRO	YLES



PHONE#

WINNIE HOUSER PARK

MAOP N/A INCIDENT N/A Gas Order Elect Order UPGRADE OH XFMR & INST COMM HH N/A 105093197 1400 RHODES ROAD, SEDRO-WOOLLEY, WA 98284 AS NOTED 1 OF 1 DocuSign Envelope ID: 8395CF89-B4A2-49DC-94B5-4BF11C4A9B27

SOUND

# CON

## **COMMERCIAL ELECTRIC FACILITIES CONTRACT**

Date 11/04/2019

Contract is subject to revision after 90 days

CUSTOMER (OWNER) NAME CITY OF SEDRO WOO	DLLEY		CO-OWNER N	AME (IF APPLI	CABLE)	
SERVICE ADDRESS 1400 RHODES RD		SEDRO WO	OLLEY	STATE	WA	<sup>ZIP</sup> 98284
BILLING ADDRESS 325 METCALF ST		CITY SEDRO WOO	OLLEY	STATE	WA	<sup>ZIP</sup> 98284
PHONE (360) 855-1661	EMAIL nsalseina@ci.se	edro-woolley.wa.us	PSE W	ORKORDER N	<sup>O.</sup> 1050	93197

Summary of Charges:	Brief Description of Work:	
		UPGRADING OVERHEAD SINGLE PHASE
		TRANSFORMER & COMMERCIAL HANDHOLE
Construction Costs:	\$ <u>9,210.01</u>	
Transformation Charges:	\$ 0.00	
Less Applicable Margin Allowance:	\$ 0.00	
Sub-Total (Potential Refundable Costs):	\$ 9,210.01	
Permitting Fees*:	\$ 203.51	
Relocation/Removal of Existing Facilities:	\$ 0.00	Brief Description of Other Costs:
Other Non-Refundable Construction Charges:	\$ 918.76	CITY OF SEDRO WOOLLEY STREET USE PERMIT
Sub-Total (Non-Refundable Costs):	\$ <u>1,122.27</u>	ANDTRASFORMATION DIFFERENTIAL FOR LRA
Total Amount to be Billed Under This Contract:	\$ 10,332.28	
Customer Initials	<u> </u>	

SECONDARY SERVICE CHARGES (PERMANENT AND TEMPORARY) ARE NOT INCLUDED IN THE SUMMARY OF CHARGES ABOVE Any applicable Secondary Service Type charges listed below will be billed after your service line installation, based on the actual work performed. Base Costs, in the table below, include Schedule 87 tax and are current costs effective 11/1/2018. These charges also do not include permitting fees, trenching and other excavation related work that is your responsibility. The Secondary Service Type charges from the list below that apply to your project will be invoiced on a second bill.

Secondary Service Type (480 Voltage or Below)	Base Cost	
Single wire run to handhole or transformer	\$611.12	
Each additional run of wire(per circuits)	\$140.60	Customer Initials:
Each additional trip beyond 1 <sup>st</sup> trip due to customer requirements	\$418.48 per trip	
Hourly rate for additional engineering	\$182.67	
Underground Temporary Service Charge	\$182.00	
Overhead Temporary Service Charge	\$260.00	
Overhead Permanent Service Charge	\$1,039.57	

By signing this contract you are authorizing PSE to continue with all the needed elements to complete your project. Upon receipt of a signed contract, PSE will bill you for the amount indicated on the "Total Amount to Be Billed Under This Contract" line. The bill will sent to the billing address listed on this contract. PSE requires payment of these line extension charges prior to scheduling construction. Payments can be made via pse.com (fees may apply), by mail, or at a PSE Pay Station. Delaying payment may result in a construction delay for your project. Customer requested changes in the scope of the project may result in additional charges, and/or delays to your project.

Signature:	Name: Nathan Salseir	na Title:	Date:	
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<sup>\*</sup>If the above Permitting Fees are associated with service work only, those costs will be billed with the applicable service charges below after the service is energized.

#### TERMS AND CONDITIONS

#### PROJECT INFORMATION

- 1. The PSE drawing shows the proposed scope of your project including the location of permanent, above ground electrical facilities required to provide electrical service to your project. Fault current information for transformers associated with your project is noted on the work sketch drawing. Please review this drawing as soon as possible to ensure there are no unforeseen conflicts between PSE's design and your project. If you determine there are conflicts or if you identify a discrepancy while reviewing the drawing for your project, please contact me at the number below. This is attached as Exhibit A.
- 2. Additional construction-related information and information on metering and service entrance requirements are provided in PSE's Electric Service handbook for commercial projects. If you would like a copy of the handbook please contact me at the number below. It is your responsibility to provide your project manager, site superintendent, and/or subcontractors with any relevant information from this correspondence that apply to their work in support of your project.
- 3. The Excavation Requirements & Final Grade Certification must be signed by the project owner or designee and returned to me along with a signed copy of this contract. **This is attached as Exhibit B.**
- 4. Transformers have been sized for diversified commercial loads only, and shall not be used for high load factor (continuous) temporary power uses, such as electric heaters for dry-out. Fault currents for non- residential transformers in your project are noted on the attached PSE design drawing. Please notify the PSE representative listed on this contract immediately if you believe there are conflicts between this design and your project. It is your responsibility to provide your project manager, site superintendent, and subcontractors with any information from this correspondence and it's attachments that apply to their work.
- 5. The requirements for trenching by customers on public right-of-ways and/or on Puget Sound Energy easements must be signed by the project owner or designee and returned along with a signed copy of this contract. **This is attached as Exhibit C.**

#### **POTENTIAL REFUNDS**

#### Margin Allowance:

If PSE has not provided a Margin Allowance or if your Margin Allowance exceeds \$75,000, PSE agrees to calculate and refund the Margin Allowance, subject to Schedule 85, up to two (2) years after the line extension is energized. Customers are responsible for making the refund request.

#### **DIM Refund:**

Other refunds associated with the line extension charge may be available if additional permanent service hook-ups are made to your line extension. These service hook-ups must be made within five (5) years of the date on which your project is initially energized Customers are responsible for making all refund requests. A refund may be requested one (1) time within six (6) years of the date on which your line extension is initially energized. It is the customer's responsibility to make the refund request. Your refund request should be directed to PSE's Customer Accounting Coordinators at Schedule85refundrequests@pse.com.

#### **RATE SCHEDULE 85**

All terms and conditions, costs, and refunds are in accordance with PSE's Rate Schedule 85, and any discrepancies between this contract and the Rate Schedule will be resolved in favor of the Rate Schedule. Rate Schedule 85 contains more detailed information covering costs, refunds, rights, and obligations than is reflected in this contract. The entirety of Rate Schedule 85 can be viewed at PSE's website www.pse.com.

This cost information is valid for 90 days from the date of this contract. Should we receive your contract after this period, the costs will be subject to changes.

The amount noted on this contract is an estimated cost; however PSE's Schedule 85 line extension tariff requires customers to pay the actual cost of construction. PSE will determine the actual cost of the job once construction is complete. If the actual cost of the job is more than 10% above or below the estimated cost, an additional billing or refund will result to account for the difference.

## REQUIREMENTS FOR TRENCHING BY CUSTOMERS ON PUBLIC RIGHT-OF-WAYS AND/OR ON PUGET SOUND ENERGY, INC. EASEMENTS

The following outlines most local governmental guidelines and company standards for trenching on a public right-of-way or Puget Sound Energy, Inc. (PSE) easement. Any trenching performed by the customer, or their contractor, under a PSE permit or easement must comply with these requirements.

- 1. All trench construction must be performed by a Washington State licensed and bonded contractor.
- 2. Trench excavation, backfill, restoration, and facility placement must be coordinated with a PSE designated representative, and receive on-site approval by that representative, and local jurisdiction.
- 3. Right-of-way easement trenching and backfill must be performed during normal business hours, Monday through Friday. Same day excavation and backfill is required for all trenching. Job start notification to the local jurisdiction is the responsibility of Potelco, Inc. Customer shall notify Potelco Project Manager three working days prior to trenching. Penalties for failure to comply with this requirement will be borne by the customer.
- 4. If the job scope requires excavation beyond a single day, fencing and barricading must be installed around utility facilities exposed above the trench, if allowed, must be in accordance with local regulatory requirements.
- 5. PSE, all participating utilities, and One-Call Locate, must be notified a minimum of 72 hours in advance of the date and time for right-of-way trenching and facility placement. The One-Call Locate number is 1-800-424-5555. State law requires locating service notification.
- 6. Excavated material must remain clear of the roadway whenever possible. Excavation material, spoils, and debris shall be removed off-site each day, in accordance with local regulatory requirements. All erosion control requirements in accordance with local regulatory requirements are the responsibility of the customer.
- 7. Material excavated from the shoulder of the right-of-way shall be properly disposed, and replaced with select backfill material in accordance with local regulatory requirements.
- 8. Proper compaction is required to comply with local regulatory specifications. If the permit requires compaction testing, the cost of said testing is the responsibility of the customer.
- 9. All permit requirements, traffic control plans, traffic control and flagging shall meet local regulatory specifications and satisfaction.
- 10. In the event of failure to abide by the above requirements, PSE reserves the right, at its sole discretion, to assume

Signature:	Name: Nathan Salseina	Title:	Date:
Service Address: 1400 RHODES RE	SEDRO WOOLLEY 98	3284 Work Order	Number: 105093197
I AGREE TO ADHERE TO TI	HE ABOVE CONDITIONS		
	Customer Ini	tials:	-
	indemnify, defend and hold harmless PSE out of, or in connection with, the above men	from all liability (inclu	iding reasonable
	Customer Init	tials:	
joint construction require	of delays due to equipment failure, PSE may rements. The customer is responsible for all ld PSE perform the trenching.	•	• •

DocuSign Envelope ID: 8395CF89-B4A2-49DC-94B5-4BF11C4A9B27



# PSE ELECTRICAL FACILITIES EXCAVATION REQUIREMENTS AND FINAL GRADE CERTIFICATION

#### **PURPOSE**

This document is an agreement between Puget Sound Energy (PSE) and the **Owner/Developer** (Developer) who is providing excavation for the installation of PSE's facilities. This document **does not** provide an easement for operating rights. If PSE determines that a recordable easement on the Developer's property or other property is necessary, it shall be the Developer's responsibility to obtain such easements in a form acceptable to PSE prior to construction.

#### **EXCAVATION REQUIREMENTS**

The requirements and conditions outlined below apply when you provide the excavation for PSE's electrical facilities as a condition of receiving electrical service for your project. If you need additional information, please call the PSE contact person listed below.

- 1. Developer is responsible for acquiring utility locates by calling One-Call, 1-800-424-5555 at least 48 hours (two full working week days) prior to digging. The excavation must meet the requirements of the Washington Administrative Code and Safety Standards.
- 2. Developer shall call the PSE contact person noted below for trench and route approval prior to starting excavation.
- 3. The electrical primary trench shall be excavated to provide a minimum of 36 inches of facility coverage, to a maximum trench depth of 48 inches. The electric service trench shall be excavated to provide a minimum of 24 inches of facility coverage, to a maximum trench depth of 36 inches. A 12 inch horizontal separation is required between PSE electrical facilities and other utilities within a joint trench.
- 4. All back fill must be free of sharp objects and construction debris. Developer shall provide and install sand bedding and shading for electrical facility protection as directed by PSE's contact person. Developer is responsible for any damages caused by improper backfill or compaction.
- 5. Developer agrees to maintain a minimum of 2 feet of horizontal clearance between PSE conduit, pipe or conductors and any foundation on Developer's property.
- 6. The vault excavation shall be dug to the dimensions noted on the attached work sketch. Vault holes shall have a solid level bottom with a 6 inch deep layer of crushed rock bedding.
- 7. Developer shall provide the excavation for PSE electrical facilities within the designed location. Developer shall identify and provide final grade, property lines, and utility easements prior to installation of PSE's electrical facilities.
- 8. Developer will be financially liable for the relocation of PSE's facilities which are inadequately covered, located outside the area where PSE has adequate operating rights, improperly graded inhibiting standard access and/or any damages resulting from dig-ins due to changes or variations in grade that are made after the installation of PSE's facilities.

#### **FINAL GRADE CERTIFICATION**

By my signing below, I certify that the electrical facilities work area shall be at final grade prior to excavation. I assume full responsibility for my excavation work and the resulting location of these facilities. I also agree to indemnify, defend, and hold harmless Puget Sound Energy from all liability arising out of, or in connection with my work, including but not limited to all claims, losses, damages, and expenses, including reasonable attorney's fees, which result from my failure to excavate within easement areas or rights-of-way, or from digging without adequate rights on adjoining properties.

Service Address: 1400 RHODES RD	SEDRO WOOLLEY 98284	Work Order Number:	105093197
		_	
Signature:	Name: Nathan Salseina	Title:	Date: